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(54) **SYSTEM AND METHOD FOR PROVIDING LASER SHOT PATTERNS TO THE LENS OF AN EYE**

(75) Inventors: **Rudolph W. Frey**, Maitland, FL (US); **Steven E. Bott**, Oviedo, FL (US); **Gary P. Gray**, Orlando, FL (US)

(73) Assignee: **LENSAR, LLC**, Orlando, FL (US)

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See application file for complete search history.

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Primary Examiner — Lynsey Crandall
Assistant Examiner — Nathan J Jenness
(74) *Attorney, Agent, or Firm* — Steptoe & Johnson LLP

(57) **ABSTRACT**

There is provided a system, apparatus and methods for developing laser systems that can create precise predetermined shot patterns for providing areas of varying softness in the lens of an eye. These areas of varying softness may have shapes that correspond to instruments used to remove material from the lens of the eye. There is further provided a multiplicity of spheres pattern, which may provide for bubble formation which in turn lubricates the lens material for removal after sectioning.

24 Claims, 14 Drawing Sheets